

virtualbox

- www.virtualbox.org
- www.urla.com/codiceribelle
- www.pescaralug.org

Vari tipi di installazione

- Per installare virtualbox possiamo sia utilizzare i pacchetti precompilati per la nostra distribuzione es:ubuntu
- Oppure utilizzare l'eseguibile valido per tutte le distro

virtualbox

- Seguendo la seconda procedura avremo l'utilizzo immediato della penna usb con cui faremo comunicare linux con il sistema operativo virtualizzato es:windows

virtualbox

The screenshot shows a web browser window with the address bar displaying `http://www.virtualbox.org/wiki/Downloads`. The page content includes a navigation sidebar on the left with links for About, Screenshots, Downloads, Documentation, End-user docs, Technical docs, Contribute, and Community. The main content area features the heading "Download VirtualBox" and a sub-heading "VirtualBox binaries". Below this, there is a paragraph explaining the VirtualBox Personal Use and Evaluation License (PUEL). A list of download links follows, including VirtualBox 2.1.4 for Windows hosts (x86 and AMD64), OS X hosts (Intel Macs), Linux hosts, Solaris and OpenSolaris hosts (x86/amd64), Software Developer Kit (SDK) for all platforms, and older builds. A changelog link is provided, along with a note about upgrading guest additions. A link to the User Manual is also present, with a note that it is included in the binaries but can be downloaded in PDF format. The page concludes with a link to the frequently asked questions list. The browser's taskbar at the bottom shows various system icons and the word "Done".

Getting Started Latest Headlines

Download VirtualBox

Here, you will find links to VirtualBox binaries and its source code.

VirtualBox binaries

The binaries in this section are all released under the [VirtualBox Personal Use and Evaluation License \(PUEL\)](#). By downloading, you agree to the terms and conditions of that license.

- ◆ **VirtualBox 2.1.4 for Windows hosts** ⇨ [x86](#) | ⇨ [AMD64](#) (only on Windows x64!)
- ◆ **VirtualBox 2.1.4 for OS X hosts** ⇨ [Intel Macs](#)
- ◆ **VirtualBox 2.1.4 for Linux hosts**
- ◆ **VirtualBox 2.1.4 for Solaris and OpenSolaris hosts** ⇨ [x86/amd64](#)
- ◆ **VirtualBox 2.1.4 Software Developer Kit (SDK)** ⇨ [All platforms](#) (registration required)
- ◆ **VirtualBox older builds**

See the [changelog](#) for what has changed.

Note: After upgrading VirtualBox it is recommended to upgrade the guest additions as well.

User manual

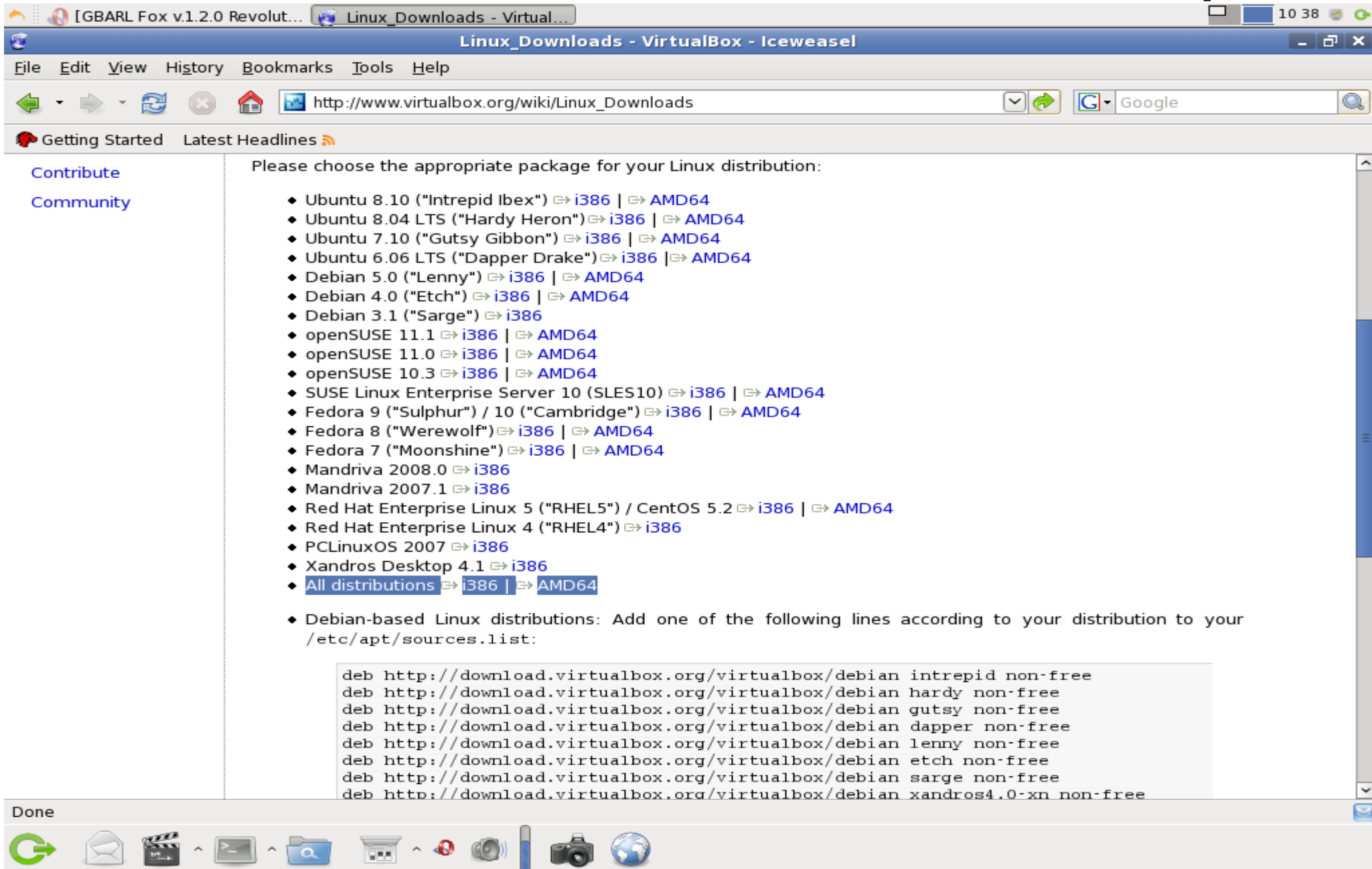
The VirtualBox User Manual is included in the VirtualBox binaries above. If, however, you would like to take a look at it without having to install the whole thing, you can download it in PDF format here:

- ◆ ⇨ [User Manual](#) (version 2.1.4, updated 2009-02-16)

You will need a PDF reader such as ⇨ [Adobe Reader](#) to view this file. Most Linux systems will have a PDF reader installed by default.

You may also like to take a look at our [frequently asked questions list](#).

Scarichiamo il file come da esempio



Linux_Downloads - VirtualBox - Iceweasel

File Edit View History Bookmarks Tools Help

http://www.virtualbox.org/wiki/Linux_Downloads

Getting Started Latest Headlines

Contribute
Community

Please choose the appropriate package for your Linux distribution:

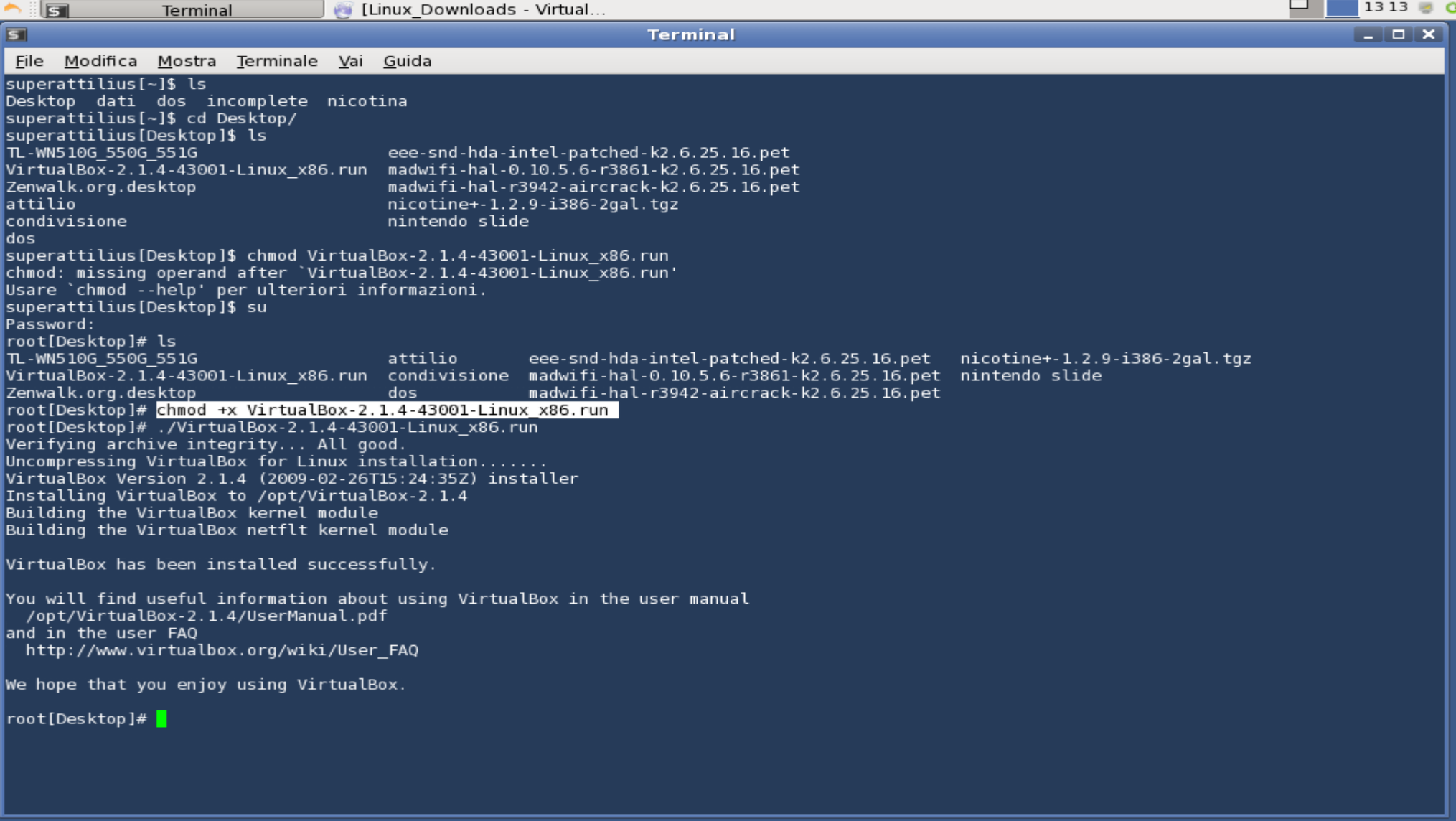
- Ubuntu 8.10 ("Intrepid Ibex") ⇨ [i386](#) | ⇨ [AMD64](#)
- Ubuntu 8.04 LTS ("Hardy Heron") ⇨ [i386](#) | ⇨ [AMD64](#)
- Ubuntu 7.10 ("Gutsy Gibbon") ⇨ [i386](#) | ⇨ [AMD64](#)
- Ubuntu 6.06 LTS ("Dapper Drake") ⇨ [i386](#) | ⇨ [AMD64](#)
- Debian 5.0 ("Lenny") ⇨ [i386](#) | ⇨ [AMD64](#)
- Debian 4.0 ("Etch") ⇨ [i386](#) | ⇨ [AMD64](#)
- Debian 3.1 ("Sarge") ⇨ [i386](#)
- openSUSE 11.1 ⇨ [i386](#) | ⇨ [AMD64](#)
- openSUSE 11.0 ⇨ [i386](#) | ⇨ [AMD64](#)
- openSUSE 10.3 ⇨ [i386](#) | ⇨ [AMD64](#)
- SUSE Linux Enterprise Server 10 (SLES10) ⇨ [i386](#) | ⇨ [AMD64](#)
- Fedora 9 ("Sulphur") / 10 ("Cambridge") ⇨ [i386](#) | ⇨ [AMD64](#)
- Fedora 8 ("Werewolf") ⇨ [i386](#) | ⇨ [AMD64](#)
- Fedora 7 ("Moonshine") ⇨ [i386](#) | ⇨ [AMD64](#)
- Mandriva 2008.0 ⇨ [i386](#)
- Mandriva 2007.1 ⇨ [i386](#)
- Red Hat Enterprise Linux 5 ("RHEL5") / CentOS 5.2 ⇨ [i386](#) | ⇨ [AMD64](#)
- Red Hat Enterprise Linux 4 ("RHEL4") ⇨ [i386](#)
- PCLinuxOS 2007 ⇨ [i386](#)
- Xandros Desktop 4.1 ⇨ [i386](#)
- [All distributions](#) ⇨ [i386](#) | ⇨ [AMD64](#)

• Debian-based Linux distributions: Add one of the following lines according to your distribution to your `/etc/apt/sources.list`:

```
deb http://download.virtualbox.org/virtualbox/debian intrepid non-free
deb http://download.virtualbox.org/virtualbox/debian hardy non-free
deb http://download.virtualbox.org/virtualbox/debian gutsy non-free
deb http://download.virtualbox.org/virtualbox/debian dapper non-free
deb http://download.virtualbox.org/virtualbox/debian lenny non-free
deb http://download.virtualbox.org/virtualbox/debian etch non-free
deb http://download.virtualbox.org/virtualbox/debian sarge non-free
deb http://download.virtualbox.org/virtualbox/debian xandros4.0-xn non-free
```

Done

Rendiamo eseguibile il file con il comando `chmod +x virtua.....`



```
superattilius[~]$ ls
Desktop dati dos incomplete nicotina
superattilius[~]$ cd Desktop/
superattilius[Desktop]$ ls
TL-WN510G_550G_551G          eee-snd-hda-intel-patched-k2.6.25.16.pet
VirtualBox-2.1.4-43001-Linux_x86.run  madwifi-hal-0.10.5.6-r3861-k2.6.25.16.pet
Zenwalk.org.desktop        madwifi-hal-r3942-aircrack-k2.6.25.16.pet
attilio                    nicotine+-1.2.9-i386-2gal.tgz
condivisione              nintendo slide
dos
superattilius[Desktop]$ chmod VirtualBox-2.1.4-43001-Linux_x86.run
chmod: missing operand after `VirtualBox-2.1.4-43001-Linux_x86.run'
Usare `chmod --help' per ulteriori informazioni.
superattilius[Desktop]$ su
Password:
root[Desktop]# ls
TL-WN510G_550G_551G          attilio          eee-snd-hda-intel-patched-k2.6.25.16.pet  nicotine+-1.2.9-i386-2gal.tgz
VirtualBox-2.1.4-43001-Linux_x86.run  condivisione  madwifi-hal-0.10.5.6-r3861-k2.6.25.16.pet  nintendo slide
Zenwalk.org.desktop        dos            madwifi-hal-r3942-aircrack-k2.6.25.16.pet
root[Desktop]# chmod +x VirtualBox-2.1.4-43001-Linux_x86.run
root[Desktop]# ./VirtualBox-2.1.4-43001-Linux_x86.run
Verifying archive integrity... All good.
Uncompressing VirtualBox for Linux installation.....
VirtualBox Version 2.1.4 (2009-02-26T15:24:35Z) installer
Installing VirtualBox to /opt/VirtualBox-2.1.4
Building the VirtualBox kernel module
Building the VirtualBox netflt kernel module

VirtualBox has been installed successfully.

You will find useful information about using VirtualBox in the user manual
/opt/VirtualBox-2.1.4/UserManual.pdf
and in the user FAQ
http://www.virtualbox.org/wiki/User_FAQ

We hope that you enjoy using VirtualBox.

root[Desktop]# █
```

Avviamo scrivendo da shell Virtualbox e riempiamo i campi

The image shows a Linux desktop environment with a terminal window and a VirtualBox registration dialog box. The terminal window displays the following commands and output:

```
Zenwalk.org.desktop
root[Desktop]# ch
root[Desktop]# ./
Verifying archive
Uncompressing Vir
VirtualBox Versio
Installing Virtua
Building the Virt
Building the Virt

VirtualBox has be
You will find use
/opt/VirtualBox
and in the user F
http://www.virt

We hope that you

root[Desktop]# ./
Verifying archive
Uncompressing Vir
root[Desktop]# Vi
Qt WARNING: Qt: S
ocols specified a
```

The registration dialog box, titled "Finestra di registrazione VirtualBox", contains the following text:

Benvenuti al modulo di registrazione di VirtualBox!

Compila il modulo di registrazione per farci sapere che utilizzi VirtualBox e, facoltativamente, per mantenerti informato riguardo novità su VirtualBox e aggiornamenti.

Inserisci il tuo nome con caratteri Latin e il tuo indirizzo e-mail nei campi sottostanti. Nota che Sun Microsystems utilizzerà queste informazioni solo per formulare statistiche di utilizzo del prodotto e per inviarti la newsletter di VirtualBox. In particolare, Sun Microsystems non fornirà i tuoi dati a terzi. Informazioni dettagliate riguardo il trattamento dei dati possono essere trovate nella sezione

Privacy Policy

del Manuale di VirtualBox oppure nella pagina web sulla [Privacy Policy](#).

Nome

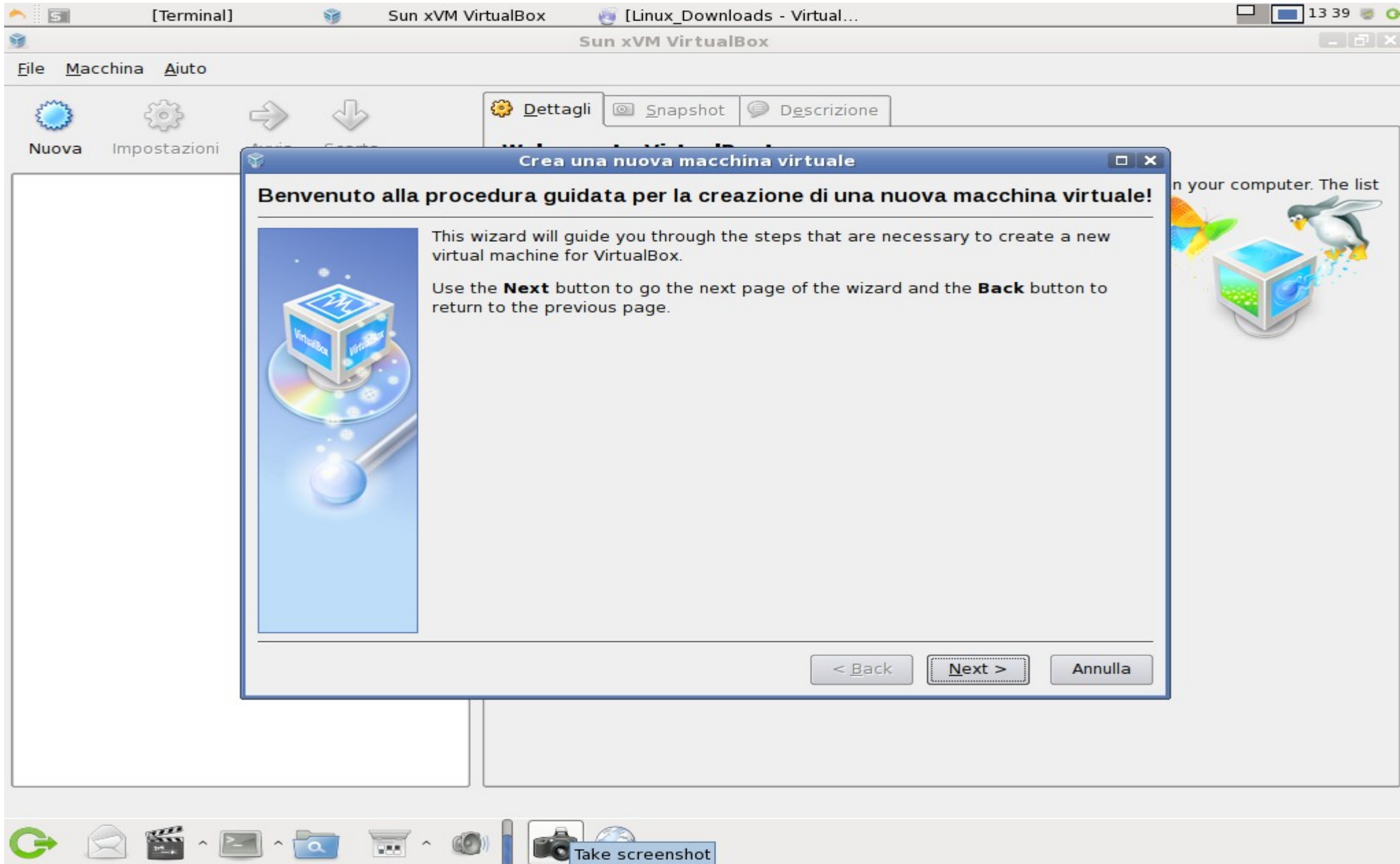
E-mail

Non usare queste informazioni per contattarmi

Buttons: Confirm, Annulla

The background of the dialog box features a blue background with a stylized person icon and the text "a list of all virtual because you haven't" next to a penguin icon.

Clicchiamo su nuova e scegliamo xp





Nuova



Impostazioni



Dettagli



Snapshot



Descrizione

Crea una nuova macchina virtuale

Nome della MV e tipo di sistema operativo

Enter a name for the new virtual machine and select the type of the guest operating system you plan to install onto the virtual machine.

The name of the virtual machine usually indicates its software and hardware configuration. It will be used by all VirtualBox components to identify your virtual machine.

Nome

Sistema operativo

Operating System:

Version:

< Back Next > Annulla

n your computer. The list





Nuova



Impostazioni



Dettagli



Snapshot



Descrizione

Crea una nuova macchina virtuale

Hard disk virtuale



Select a hard disk image to be used as the boot hard disk of the virtual machine. You can either create a new hard disk using the **New** button or select an existing hard disk image from the drop-down list or by pressing the **Existing** button (to invoke the Virtual Media Manager dialog).

If you need a more complicated hard disk setup, you can also skip this step and attach hard disks later using the VM Settings dialog.

La dimensione raccomandata per l'hard disk di avvio è **10240 MB**.

Boot Hard Disk (Primary Master)

<no media>

Nuovo...

Esistente...

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Next >

Annulla

in your computer. The list





Nuova



Impostazioni



Dettagli



Snapshot



Descrizione

Crea un nuovo disco virtuale

Hard Disk Storage Type



Select the type of virtual hard disk you want to create.

A **dynamically expanding storage** initially occupies a very small amount of space on your physical hard disk. It will grow dynamically (up to the size specified) as the Guest OS claims disk space.

A **fixed-size storage** does not grow. It is stored in a file of approximately the same size as the size of the virtual hard disk. The creation of a fixed-size storage may take a long time depending on the storage size and the write performance of your harddisk.

Tipo di storage

- Dynamically expanding storage
- Fixed-size storage

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Next >

Annulla

on your computer. The list





Nuova



Impostazioni



Dettagli



Snapshot



Descrizione

Crea un nuovo disco virtuale

Posizione e dimensione del disco virtuale



Press the **Select** button to select the location of a file to store the hard disk data or type a file name in the entry field.

Location

xp|



Select the size of the virtual hard disk in megabytes. This size will be reported to the Guest OS as the maximum size of this hard disk.

Size

4,00 MB 10,00 GB 2,00 TB

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Annulla

in your computer. The list





Nuova



Impostazioni



Dettagli



Snapshot



Descrizione

Crea un nuovo disco virtuale

Riassunto



You are going to create a new virtual hard disk with the following parameters:

Type: Dynamically expanding storage
Posizione: /root/.VirtualBox/HardDisks/xp.vdi
Dimensione: 10,00 GB (10737418240 Bytes)

If the above settings are correct, press the **Finish** button. Once you press it, a new hard disk will be created.

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Finish

Annulla

in your computer. The list

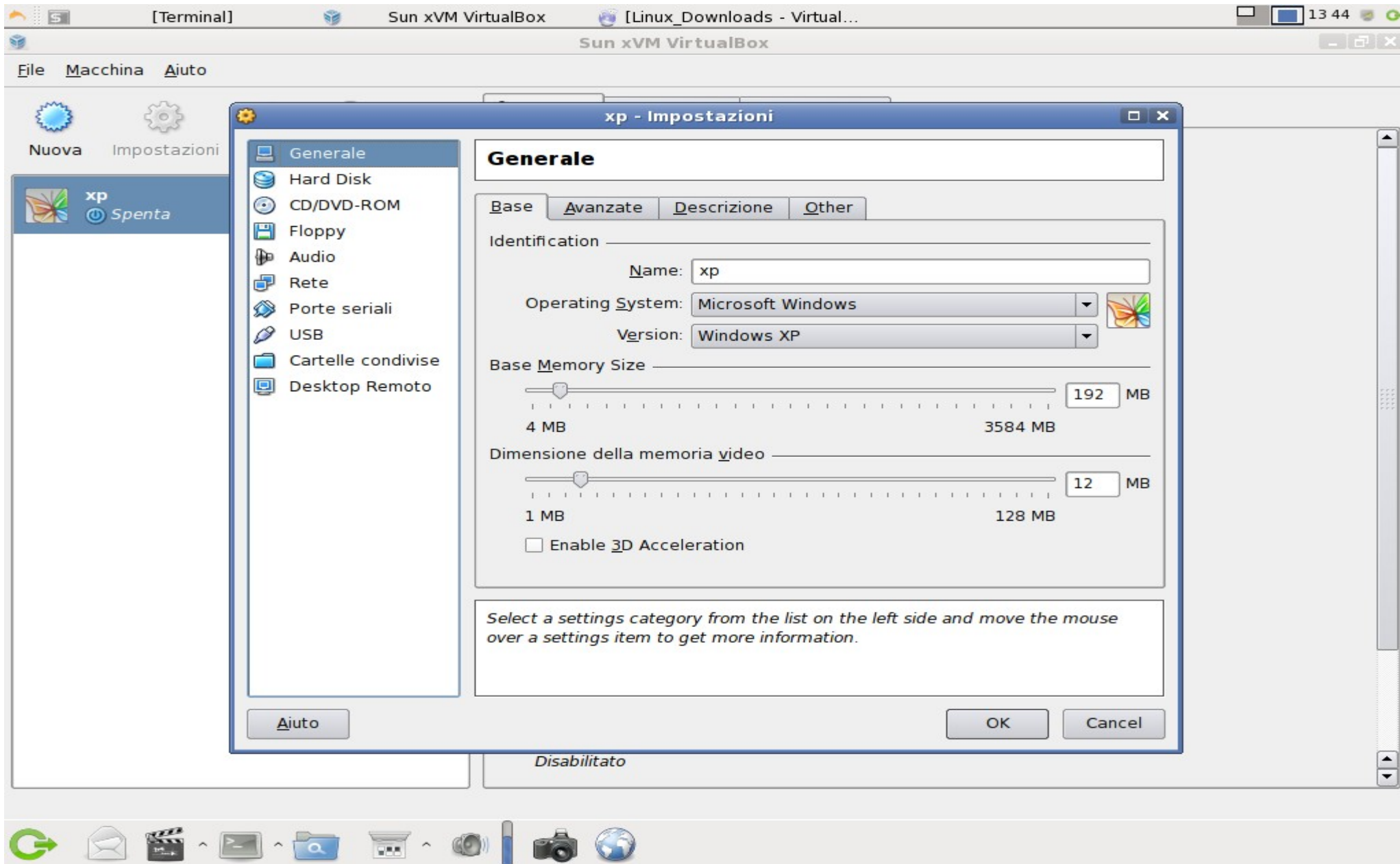


Quadro riassuntivo macchina xp

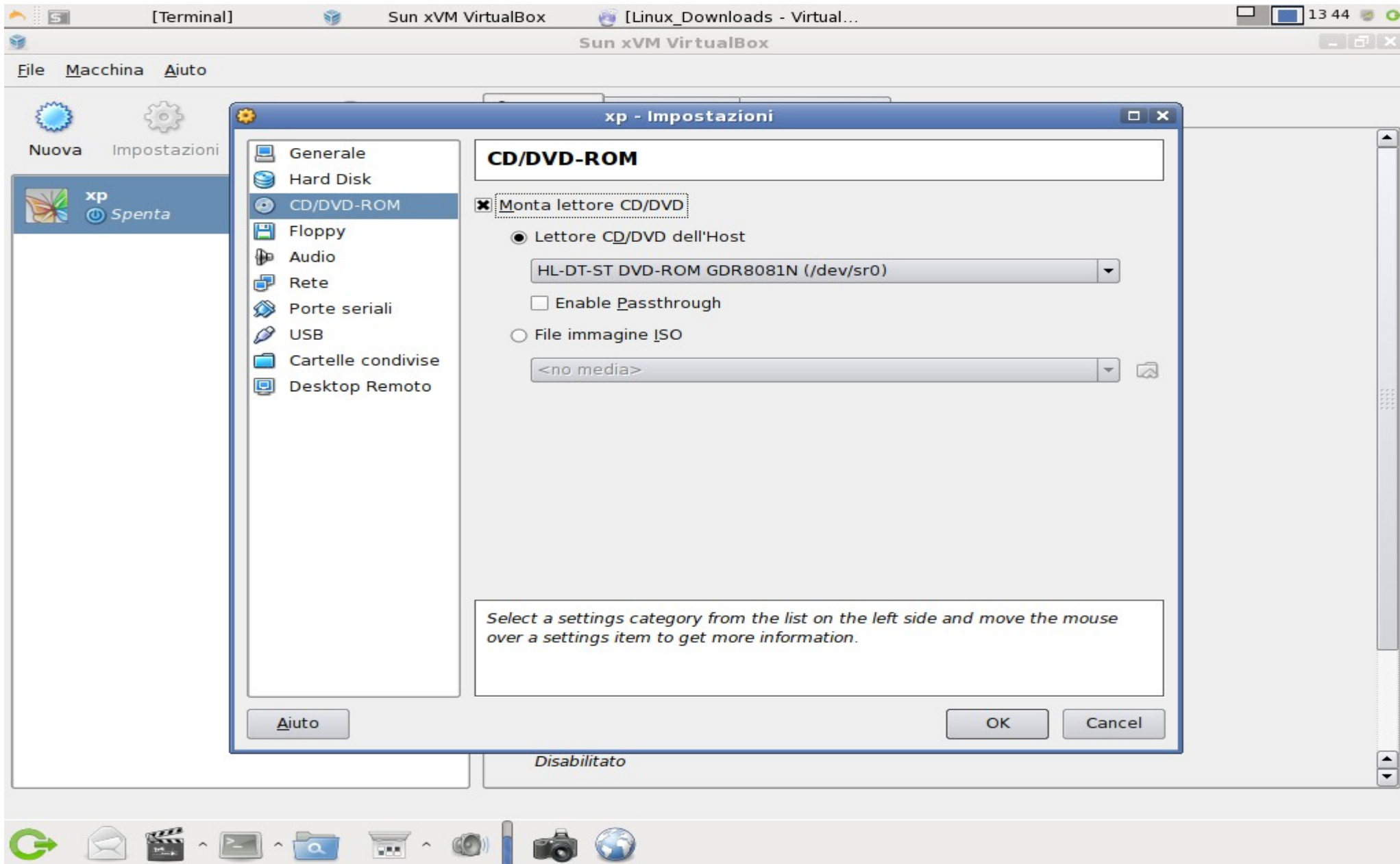
The screenshot displays the Sun xVM VirtualBox application window. The title bar shows the window name "Sun xVM VirtualBox" and the system tray on the right indicates the time "13 43". The menu bar includes "File", "Macchina", and "Ajuto". The main toolbar contains icons for "Nuova", "Impostazioni", "Avvia", and "Scarta". On the left, a list of virtual machines is shown, with "xp" selected and its status "Spenta" (Off) indicated. The main area is divided into tabs: "Dettagli" (selected), "Snapshot", and "Descrizione". The "Dettagli" tab shows the configuration for the "xp" machine, organized into sections: "Generale", "Hard Disk", "CD/DVD-ROM", "Floppy", "Audio", "Rete", "Porte seriali", and "USB".

Section	Property	Value
Generale	Nome:	xp
	Sistema Operativo:	Windows XP
	Memoria di base:	192 MB
	Memoria video:	12 MB
	Ordine di boot:	Floppy, CD/DVD-ROM, Hard Disk
	ACPI:	Abilitato
	IO APIC:	Disabilitato
	VT-x/AMD-V:	Disabilitato
	Nested Paging:	Disabilitato
	PAE/NX:	Disabilitato
3D Acceleration:	Disabilitato	
Hard Disk	IDE Primario Master:	xp.vdi (Normale, 10,00 GB)
CD/DVD-ROM		Non montato
Floppy		Non montato
Audio		Disabilitato
Rete	Driver 1:	PCnet-FAST III (NAT)
Porte seriali		Disabilitata
USB		Disabilitato

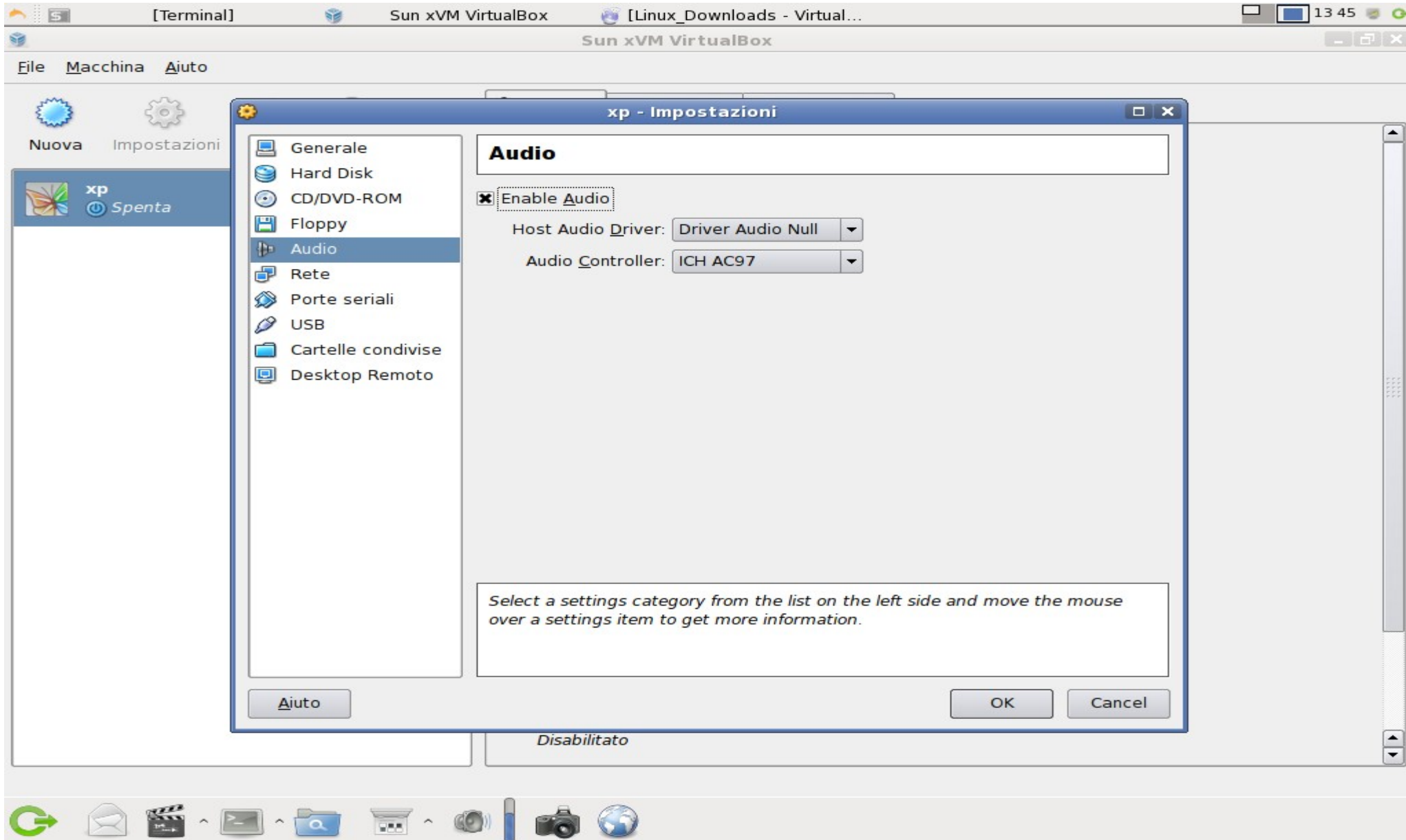
Quadro analitico xp virtualizzato



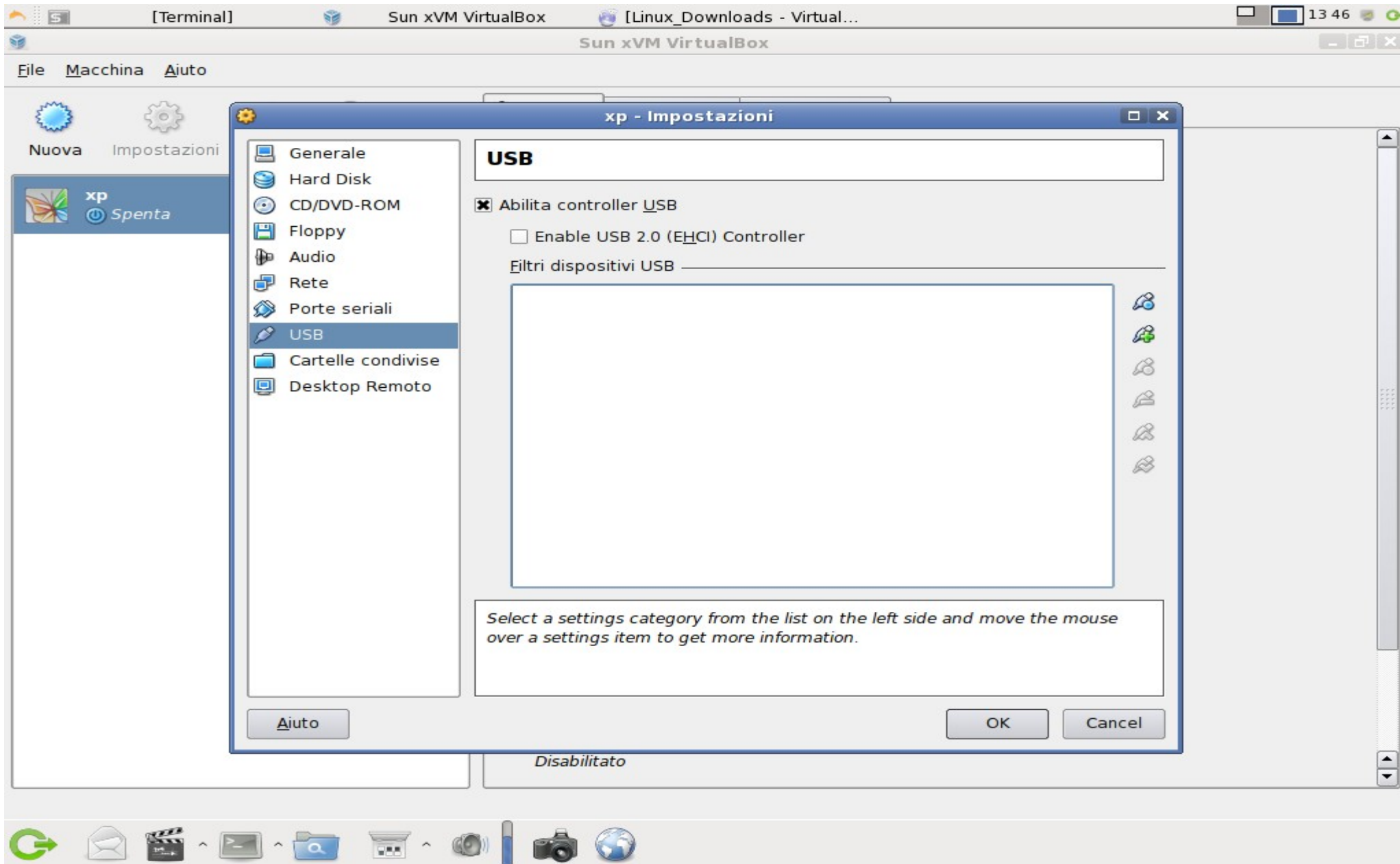
Montiamo il cd con il quale installeremo xp



Abilitiamo l'audio



Aggiungiamo la usb



Usb esempio

